

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY

AND A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF CERTAIN SECTIONS,

AND A METES AND BOUNDS SURVEY

IN SECTION 21,

TOWNSHIP 13 SOUTH, RANGE 16 EAST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY
Olian T. Shockley, Cadastral Surveyor

Under Special Instructions dated July 27, 1995, approved July 27, 1995, which provided for the surveys included under Group Number 791 and assignment instructions dated July 27, 1995.

Survey commenced August 9, 1995
Survey completed September 26, 1995

BOOK 54 56

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T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, the subdivision of certain sections, and a metes-and-bounds survey in section 21, Township 13 South, Range 16 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows: The south boundary of the township was surveyed by Theo. F. White in 1873 and a portion was resurveyed by Dupree R. Averill in 1930. The subdivisional lines were partially surveyed by Theo. F. White in 1873 and portions were resurveyed by John F. Hesse, Arthur W. Brown and Guy P. Harrington in 1915-19. The Camp Lowell Military Reservation (abandoned) was surveyed by Theo. F. White in 1876 and portions were retraced by John F. Hesse, Arthur W. Brown and Guy P. Harrington in 1915-18.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 27, 1995, for Group Number 791, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Lietz Set 2B II total station.

The geographic position of the corner of sections 1, 2, 35, and 36, on the south boundary of the township, was determined by the technique of relative positioning using the Ashtech MXII Geodetic Positioning System. U.S.G.S. "MAGNETIC 1935" was used as the control station. Elevations and coordinates refer to the top of the monument.

Elevation

Latitude

Longitude

2,840 ft.

32°15'03.77" N.

110°40'08.95" W.

NAD27

The mean magnetic declination as taken from quadrangle map AQUA CALIENTE HILL, ARIZ., published in 1981 by the United States Geological Survey, is 12 1/2° E.

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Dependent Resurvey of a Portion of the South Boundary
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p data-bbox="579 303 1129 362">Restoring the resurvey executed by Dupree R. Averill, in 1930</p> <hr data-bbox="718 390 1154 396"/> <p data-bbox="409 431 1460 588">Beginning at the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 2 ins. above ground, with a mound of stone to the W., 2 ft. base, 6 ins. high, with brass cap mkd. T13S R16E S35 S36 S1 S2 T14S 1930.</p> <p data-bbox="409 623 989 651">Add the marks 1995 on the brass cap.</p> <p data-bbox="409 685 1443 782">Cor. is located in a barbed wire fence, 4 strand, bears N. and S., and 4 lks. N. of a fence cor., barbed wire fences, 4 strand, extend N., S. and W.</p> <p data-bbox="409 817 956 845">S. 89°47' W., bet. secs. 2 and 35.</p> <p data-bbox="409 879 827 907">Along a barbed wire fence.</p> <p data-bbox="249 942 1410 1039">39.93 The 1/4 sec. cor. of secs. 2 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd. 1/4 S35 S2 1930.</p> <p data-bbox="409 1073 1229 1101">Add the marks T13S R16E T14S 1995 on the brass cap.</p> <p data-bbox="409 1136 1443 1194">Cor. is located 2 1/2 lks. NE of the cor. of barbed wire fences, 4 strand, extends W. and S.</p> <hr data-bbox="718 1222 1154 1228"/> <p data-bbox="409 1263 1055 1291">S. 89°52' W., beginning new measurement.</p> <p data-bbox="409 1325 827 1353">Along a barbed wire fence.</p> <p data-bbox="249 1388 1443 1485">39.78 The cor. of secs. 2, 3, 34 and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T13S R16E S34 S35 S2 S3 T14S 1930.</p> <p data-bbox="409 1519 989 1548">Add the marks 1995 on the brass cap.</p> <p data-bbox="409 1582 1410 1679">Cor. is located in a barbed wire fence, 4 strand, bears N. and S., and 1 1/2 lks. N. of a fence cor., barbed wire fences, 4 strand, extends N., S., E. and W.</p> <hr data-bbox="414 1696 1443 1703"/>

BOOK 54 56

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Theo. F White, in 1873</p> <hr/> <p>From the cor. of secs. 1, 2, 35 and 36, on the S. bdy. of the Tp., hereinbefore described.</p> <p>N. 0°08' W., bet. secs. 35 and 36.</p> <p>Along a barbed wire fence, bears irregularly N. and S.</p> <p>39.88 Point for the 1/4 sec. cor. of secs. 35 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base., to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13S R16E</p> <p>1/4</p> <p>S35 S36</p> <p>1995</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 5 lks. W. of a barbed wire fence, 4 strand, bears irregularly N. and S.</p> <p>From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 8 ins. above ground, encircled with a collar of stone, with an aluminum cap stamped LS 4399 35 E 1/4, established by John W. Stitzer, R.L.S. 4399, in 1995, bears N. 40°30' E., 16 lks. dist. Established using improper procedures and is not utilized in the course of this resurvey.</p> <p>79.76 The cor. of secs. 25, 26, 35, and 36, monumented with a fence corner, barbed wire fences, 4 strand, extend S. and W. This is accepted as the best available evidence of the position of the orig. cor.</p> <p>At the cor. point</p> <p>Set a 60D common nail in the top of the fence corner.</p> <p>from which</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole, cemented in place, on a granite outcrop, 20 X 5 X 5 ft. high, for a reference monument, bears N. 64°46' W., 52.2 ft. dist., with top mkd. T13S R16E RM 52.2 FT TO COR S26 1995, and an arrow pointing to the cor.</p> <p>A brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole, cemented in place, on a granite outcrop, 30 X 20 X 4 ft. high, for a reference monument, bears N. 1°46' W., 25.0 ft. dist., with top mkd. T13S R16E RM 25.0 FT TO COR S26 1995, and an arrow pointing to the cor.</p> <p>From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 6 ins. above ground, encircled with a collar of stone, with an aluminum cap stamped LS 4399 SEC 35, established by John W. Stitzer, R.L.S. 4399, in 1995, bears N. 40°52' E., 32 1/2 lks. dist. Established using improper procedures and is not utilized in the course of this resurvey.</p>
	<p>N. 89°59' W., bet. secs. 26 and 35.</p>
	<p>Along a barbed wire fence, bears irregularly E. and W.</p>
2.98	<p>Corner of barbed wire fences, 4 strand, extend irregularly N., E. and W., bears S., 1 lk. dist.</p>
39.78	<p>Point for the 1/4 sec. cor. of secs. 26 and 35, at proportionate dist.; there is no remaining evidence of the orig. cor.</p>
	<p>Set a moly steel nail, 1 in. diam. head, 2 3/4 ins. stem, cemented in place, on the west face of a granite boulder, 20 X 15 X 10 ft. high, with top mkd. SURVEY MARKER.</p>
	<p>Cor. is located 4 1/2 lks. S. of a barbed wire fence, 4 strand, bears irregularly E. and W.</p>
	<p>From this cor. point, a rebar, 5/8 in. diam., firmly set, flush with the surface of the ground, with an aluminum cap lying alongside, stamped LS 4399 35 N 1/4, established by John W. Stitzer, R.L.S. 4399, in 1995, bears S. 11°05' E., 42 lks. dist. Established using improper procedures and is not utilized in the course of this resurvey.</p>
39.93	<p>Point for a witness point on line bet. secs. 26 and 35.</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">WP T13S R16E S26 — S35 1995</p>
79.56	<p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>The cor. of secs. 26, 27, 34, and 35, monumented with a rebar, 3/8 in. diam., 16 ins. long, firmly set, unknown origin, alongside a fence corner, barbed wire fences, 4 strand, extend S., E. and W. This is accepted as the best available evidence of the orig. cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T13S R16E S27 S26 — — S34 S35 1995</p> <p>Deposit the rebar inside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with an aluminum cap, stamped LS 4399 27 34 35, by John W. Stitzer, R.L.S. 4399, in 1995, bears S. 2°59' W., 1.07 chs. dist. Established using improper procedures and is not utilized in the course of this resurvey.</p> <p>From this same cor. point, the cor. of secs. 2, 3, 34 and 35, on the S. bdy. of the Tp., hereinbefore described, bears S. 0°02' E., 80.00 chs. dist.</p>
39.085	<p>N. 0°01' E., bet. secs. 26 and 27.</p> <p>Point for the 1/4 sec. cor. of secs. 26 and 27, at proportionate dist.; there is no remaining evidence of the orig. cor.</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole, cemented in place, on a granite outcrop, 10 X 3 X 1 ft. high, with top mkd.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T13S R16E 1/4 S27 S26 1995</p> <p>Cor. is located on W. side of steep, rocky wash, 1 ch. wide, 6 ft. deep, drains S.</p>
51.24	<p>The 20 mile cor. of Camp Lowell abandoned military reservation, monumented with a granite stone, 19 x 12 x 6 ins., firmly set, with the remnant of a charred wooden post alongside, in a mound of stone, 4 ft. base, 2 ft. high, mkd. with faint, illegible marks on the E. face, bears W., 1.26 chs. dist. Not remonumented.</p>
78.17	<p>The cor. of secs. 22, 23, 26 and 27, monumented with a granite stone, 18 x 8 x 4 ins., firmly set, projecting 8 ins. above ground, in a mound of stone, 4 ft. base, mkd. with 2 notches on the E. face and 2 notches on the S. face.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base., to top, with brass cap mkd.</p> <p style="text-align: center;">T13S R16E S22 S23 ----- S27 S26 1995</p> <p>Bury the granite stone alongside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on a steep, rocky south slope, 1 ch. N. of a wash 50 lks. wide, 10 ft. deep, drains WSW.</p> <hr/> <p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>N. 89°29' W., bet. secs. 27 and 34.</p>
40.00	<p>The 1/4 sec. cor. of secs. 27 and 34, monumented with a rebar, 1/2 in. diam., 18 ins. long, firmly set, projecting 12 ins. above ground, encircled with a collar of stone, with an aluminum cap stamped U/E RLS 7599, reestablished by Wallace Settlemyer, R.L.S. 7599 in 1979. This is accepted as a careful and faithful reestablishment of the position of the orig. cor.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
4 ins. in the ground, to bedrock, supported in a mound of stone,
4 ft. base, to top, with brass cap mkd.

T13S R16E

S27

1/4 —

S34

1995

Deposit the rebar inside and a magnet in a 1 x 1 x 2 ins. white
plastic case beneath the stainless steel post.

Cor. is located in a barbed wire fence, 4 strand, bears N. and
S., and 30 lks. N. of a fence cor., barbed wire fences, 4 strand,
extends N., E. and W.

From the 1/4 sec. cor. of secs. 27 and 28, monumented with an
open end iron pipe, 2 ins. diam., firmly set, 4 ins. below the
surface of the ground, in a concrete cylinder, 16 ins. diam.,
unknown origin. This is accepted as the best available evidence
of the orig. cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
4 ins. in the ground, atop the iron pipe and concrete cylinder,
supported in a mound of stone, 4 ft. base, to top, with brass cap
mkd.

T13S R16E

1/4

S28 | S27

1995

Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath
the stainless steel post.

Cor. is located 5 1/2 lks. S. of a barbed wire fence, 4 strand,
bears E. and W.; and 105 lks. N. of a wash 20 lks. wide, 7 ft.
deep, drains WNW.

N. 0°17' W., bet. secs. 27 and 28.

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS											
39.55	<p>The cor. of secs. 21, 22, 27 and 28, monumented with a granite stone, 18 x 6 x 6 ins., firmly set, projecting 6 ins. above ground, mkd. with 1 notch on the E. edge and 2 notches on the S. edge.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table> <tr><td>T13S</td><td>R16E</td></tr> <tr><td>S21</td><td>S22</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S28</td><td>S27</td></tr> <tr><td colspan="2">1995</td></tr> </table> </div> <p>Bury the granite stone alongside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on gentle south slope of ridge, bears NE and SW.</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by John F. Hesse, Arthur W. Brown and Guy P. Harrington, in 1915-19</p> <hr/> <p>From the cor. of secs. 22, 23, 26 and 27.</p> <p>N. 89°21' W., bet. secs. 22 and 27.</p>	T13S	R16E	S21	S22	<hr/>		S28	S27	1995	
T13S	R16E										
S21	S22										
<hr/>											
S28	S27										
1995											
1.31	<p>The closing cor. of Camp Lowell abandoned military reservation, monumented with a granite stone, 12 x 10 ins., firmly set, projecting 4 ins. above the ground, in an imbedded mound of stone, mkd. with faint, illegible marks on the E. face, and a faint CC on the W. face, bears S., 1.3 lks. dist. Not remonumented.</p>										
39.59	<p>Point for the 1/4 sec. cor. of sec. 27 only, at proportionate dist.; there is no remaining evidence of the orig. cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, to bedrock, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table> <tr><td>T13S</td><td>R16E</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td colspan="2">1/4 S27</td></tr> <tr><td colspan="2">1995</td></tr> </table> </div>	T13S	R16E	<hr/>		1/4 S27		1995			
T13S	R16E										
<hr/>											
1/4 S27											
1995											

BOOK 5456

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.02	<p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Point for the 1/4 sec. cor. of sec. 22 only, at proportionate dist.; there is no remaining evidence of the orig. cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, in a supporting mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> T13S R16E 1/4 S22 <hr/> 1995 </div>
40.22	<p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>The old 1/4 sec. cor. of secs. 22 and 27, reestablished by John. F. Hesse in 1915 and reported to have been obliterated in a correction made by Guy P. Harrington in 1919, monumented with a granite stone, 24 x 7 x 6 ins., firmly set, projecting 16 ins. above ground, with a mound of stone to the N., mkd. with 1/4 on the N. face.</p> <p>This cor. now functions as an angle point on the line bet. secs. 22 and 27.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> T13S R16E S22 <hr/> AP S27 1993 </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post and place the orig. stone in the mound.</p>
40.10	<p>N. 89°04' W., beginning new measurement.</p> <p>The cor. of secs. 21, 22, 27 and 28.</p> <hr/> <p>N. 0°15' W., bet. secs. 21 and 22.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.53	<p>The old 1/4 sec. cor. of secs. 21 and 22, reestablished by John. F. Hesse in 1915 and reported to have been replaced by an iron post, to function as the reestablished 1/4 sec. cor. of sec. 21 only, in a correction made by Guy P. Harrington in 1919, monumented with a granite stone, 24 x 7 x 6 ins., firmly set, projecting 16 ins. above ground, with a mound of stone to the N., mkd. with 1/4 on the N. face. Not remonumented.</p>
	<p>N. 0°14' W., beginning new measurement</p>
0.55	<p>Point for the 1/4 sec. cor. of sec. 22 only, at proportionate dist.; there is no remaining evidence of the orig. cor. Not monumented.</p>
40.38	<p>The cor. of secs. 15, 16, 21 and 22, monumented with a granite stone, 10 x 6 ins., firmly set, 1 in. below the surface of the ground, with a mound of stone to the W., 4 ft. base, 2 ft. high, mkd. with 3 notches on the S. edge. Not remonumented.</p> <p>Cor. is located on a steep, rocky north slope, on the south side of a narrow ravine.</p>
	<p style="text-align: center;">Restoring the survey executed by Theo. F White, in 1873</p>
	<p>From the cor. of secs. 21, 22, 27 and 28.</p> <p>S. 88°50' W., bet. secs. 21 and 28.</p>
38.83	<p>The 1/4 sec. cor. of secs. 21 and 28, monumented with an iron pipe, 2 ins. diam., 25 ins. long, loosely set, projecting 15 ins. above ground, encircled with a collar of stone, with iron cap mkd. 21 1/4 28, unknown origin. This is accepted as the best available evidence of the orig. cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, to bedrock, supported in a mound of stone, 6 ft. base, to top, with brass cap mkd.</p> <p style="text-align: right;">T13S R16E S21 1/4 — S28 1995</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Deposit the iron pipe inside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located in a barbed wire fence, 2 strand, bears N. and S.</p> <hr/> <p>N. 87°53' W., beginning new measurement.</p>
40.56	<p>The cor. of secs. of 20, 21, 28 and 29, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 8 ins. above ground, with a lead cap mkd. T13S R16E 20 21 28 29, established by T.N. Stevens, Registered Engineer, in 1930. Locally accepted as the position of the cor., this is accepted as the best available evidence of the position of the orig. cor. Not remonumented.</p> <hr/>
	<p>N. 0°19' W., bet. secs. 20 and 21.</p> <p>Along a barbed wire fence, 4 strand, bears irregularly N. and S.</p>
20.02	<p>The S. 1/16 sec. cor. of secs. 20 and 21, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 6 ins. above ground, in a mound of stone, 3 ft. base, to top, with lead cap mkd. 1-16, established by T.N. Stevens, Registered Engineer, in 1930. Locally accepted as the position of the cor., this is accepted as a careful and faithful determination of the cor. position. Not remonumented.</p> <p>Cor. is located 1 1/4 W. of a barbed wire fence, 4 strand, bears N. and S., and 7 1/2 lks. S. of a fence cor., barbed wire fences, 4 strand, extends E., S. and W.</p> <hr/>
0.91	<p>N. 0°19' W., beginning new measurement.</p> <p>Point for A.P. 7 of the metes-and-bounds survey, hereinafter described.</p>
20.01	<p>The 1/4 sec. cor. of secs. 20 and 21, monumented with a rebar, 5/8 in. diam., 15 ins. long, firmly set, projecting 4 ins. above ground, encircled with a collar of stone, with an attached brass washer stamped RLS 19833, and a broken iron pipe, 2 ins. diam., 24 ins. long, lying disturbed alongside; established by Robert Ellis Leek, R.L.S. 19833, in 1992. This is accepted as a careful and faithful perpetuation of the position of the orig. corner.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>

BOOK 54 56

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T13S R16E 1/4 S20 S21 1995</p>
39.55	<p>Deposit the broken iron pipe and rebar inside and set a moly steel nail, 1 in. diam. head, 2 3/4 ins. stem, in bedrock beneath the stainless steel post.</p> <hr/> <p>N. 0°22' E., beginning new measurement.</p> <p>The cor. of secs. of 16, 17, 20 and 21, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 25 ins. above ground, encircled with a collar of stone, with a lead cap mkd. S17 S16 S21 S20 T13S R16E, unknown origin. Locally accepted as the position of the cor., and is accepted as the best available evidence of the position of the orig. cor. Not remonumented.</p> <hr/> <p style="text-align: center;">Restoring the resurvey executed by John F. Hesse, Arthur W. Brown and Guy P. Harrington, in 1915-19</p> <hr/> <p>From the cor. of secs. 15, 16, 21 and 22.</p> <p>S. 89°29' W., bet. secs. 16 and 21.</p>
39.47	<p>The 1/4 sec. cor. of secs. 16 and 21, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, in a supporting mound of stone, 5 ft. base, to top, with aluminum cap mkd. U.S. FOREST SERVICE 1/4 16 21 LS20354 1995 U.S.D.A., established by Wallace L. Craig, R.L.S. 20354, in 1995. This is accepted as a careful and faithful perpetuation of the position of the orig. corner. Not remonumented.</p> <hr/> <p>S. 89°37' W., beginning new measurement.</p>
39.50	<p>The cor. of secs. of 16, 17, 20 and 21.</p> <hr/> <p style="text-align: center;">Subdivision of Section 21 T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 21 and 28.</p> <p>N. 0°42' W., on the N. and S. center line of sec. 21.</p>

BOOK 54 56

Subdivision of Section 21

T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.71	<p>Along a barbed wire fence, 4 strand, bears irregularly N. and S.</p> <p>Point for the center S. 1/16 sec. cor. of sec. 21.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13S R16E</p> <p>C</p> <p>S 1/6 S21</p> <p>C</p> <p>1995</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 12 lks. W. of a barbed wire fence, 4 strand, bears N. and S.</p> <p>From this cor. point, an iron pipe, 2 ins. diam., firmly set, flush with the surface of the ground, with iron cap mkd. 1/16, unknown origin, bears S. 6°59' E., 0.96 chs. dist.</p>
41.42	Point for the center 1/4 sec. cor. of sec. 21, at intersection with the E. and W. center line of sec. 21, not monumented.
64.23	A.P. 1 of the metes-and-bounds survey, hereinafter described.
	<hr/> <p>N. 0°42' W., beginning new measurement.</p>
17.12	The 1/4 sec. cor. of secs. of 16 and 21.
	<hr/> <p>From the 1/4 sec. cor. of sec. 21 only.</p>
	N. 89°51' W., on the E. and W. center line of sec. 21.
39.15	The center 1/4 sec. cor. of sec. 21.
79.31	A.P. 5 of the metes-and-bounds survey, hereinafter described.
79.39	The 1/4 sec. cor. of secs. of 20 and 21.
	<hr/> <p>From the center S. 1/6 sec. cor. of sec. 21</p>
	N. 88°51' W. on the E. and W. center line of the SW 1/4 of sec. 21.

BOOK 5456

Subdivision of Section 21

T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.40	The S. 1/16 sec. cor. of secs. 20 and 21.
39.05	<hr/> <p style="text-align: center;">Subdivision of Section 27 T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	From the 1/4 sec. cor. of secs. 27 and 34.
	N. 0°19' E., on the N. and S. center line of sec. 27.
	<p>Point for the center 1/4 sec. cor. of sec. 27, at intersection with the E. and W. center line of sec. 27.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., on granite bedrock, and supported in a mound of stone, 7 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T13S R16E C1/4 S27 1995</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case in the granite bedrock, beneath the stainless steel post.</p> <p>Cor. is located 30 lks. E. of a barbed wire fence, 4 strand, bears N. and S.; on the steep south face of a ridge, bears ENE and WSW.</p> <p>From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with an attached brass washer stamped RLS 5178, established by Sanford Evans, R.L.S. 7909, bears N. 70°08' W., 34 lks. dist. Established using improper procedures and is not utilized in the course of this resurvey.</p>
78.27	The 1/4 sec. cor. of secs. of 22 and 27.
39.79	<hr/> <p>From the 1/4 sec. cor. of secs. 26 and 27.</p>
	N. 89°32' W., on the E. and W. center line of sec. 27.
80.12	The center 1/4 sec. cor. of sec. 27.
80.12	The 1/4 sec. cor. of secs. of 27 and 28.
	<hr/>

BOOK 5456

Subdivision of Section 28

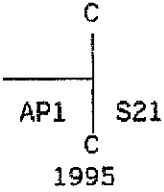
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 2 ins. diam., firmly set, projection 12 ins. above ground, with brass cap mkd. 28 1/4 33, unknown origin. This is accepted as the best available evidence of the orig. cor. position.</p> <p>Cor. is located in a barbed wire fence, 4 strand, bears N. and S., and 12 lks. N. of a fence cor., barbed wire fences, 4 strand, extends N., E. and W.</p> <p>N. 0°23' W., on the N. and S. center line of sec. 28.</p> <p>Along a barbed wire fence, 4 strand, bears irregularly N. and S.</p>
39.70	<p>The center 1/4 sec. cor. of sec. 28, monumented with a rebar, 5/8 in. diam., 15 ins. long, firmly set, projecting 2 ins. above the ground, with attached tag mkd. LS4785, established by Arthur Petterson, R.L.S. No. 4785. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T13S R16E C1/4 S28 1995</p> <p>Deposit the rebar inside and a magnet in a 1 x 1 x 2 ins. white plastic case in the granite bedrock, beneath the stainless steel post.</p> <p>Cor. is located 1 lk. W. of a barbed wire fence, 4 strand, bears irregularly N. and S.; and 85 lks. E. of a trail road, bears NNE and SSW.</p> <p>From this cor. point, an iron pipe, 2 ins. diam., loosely set, wired to the cor. of barbed wire fences, 4 strand, extends N., E. and S., with iron cap mkd. 28 28 28 28 1 1-4 4, unknown origin, bears N. 2°11' E., 20.4 lks. dist. Established using improper procedures and is not utilized in the course of this survey.</p> <p style="text-align: center;">_____</p> <p>N. 0°23' W., beginning new measurement.</p>
38.63	<p>The 1/4 sec. cor. of secs. of 21 and 28.</p> <p style="text-align: center;">_____</p> <p>From the 1/4 sec. cor. of secs. 27 and 28.</p>

BOOK 5456

Subdivision of Section 28

T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 89°48' W., on the E. and W. center line of sec. 28.
38.76	The center 1/4 sec. cor. of sec. 28. <hr/>
	N. 89°48' W., beginning new measurement.
40.78	<p>The 1/4 sec. cor. of secs. of 28 and 29, monumented with an iron pipe, 2 ins. diam., loosely set, projecting 6 ins. above ground, with a lead cap mkd. S29 1/4 S28, established by T.N. Stevens, Registered Engineer, in 1930. Locally accepted as the position of the cor., and is accepted as the best available evidence of the position of the orig. cor. Not remonumented.</p> <p>From this cor. point, an iron pipe, 2 ins. diam., 25 ins. long, firmly set, projecting 11 ins. above ground, with iron cap mkd. 29 1/4 28, unknown origin, bears N. 20°59' E., 60.5 lks. dist. Established using improper procedures and is not utilized in the course of this survey.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey in Section 21, T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From A.P. 1, on the N. and S. center line of sec. 21, monumented with a rebar, 5/8 in. diam., 15 ins. long, firmly set, projecting 7 ins. above ground, with attached brass washer mkd. LS10171, established by William Marum, L.S. 10171. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, supported in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13S R16E</p>  <p>1995</p> </div> <p>Deposit the rebar inside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located on the north face of a steep ridge, bears E. and W.</p>

BOOK 5456

Metes-and-Bounds Survey in Section 21,
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>S. 89°43' W. on line 1-2.</p> <p>16.11 A.P. 2, monumented with a rebar, 3/8 in. diam., 18 ins. long, firmly set, projecting 4 ins. above ground, encircled with a collar of stone, unknown origin. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div data-bbox="865 724 1014 914" data-label="Diagram"> <p>T13S R16E S21 AP2 1995</p> </div> <p>Deposit the rebar inside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located in a canyon, 90 lks. S. of a dry wash, 1 ch. wide, 25 ft. deep, drains WNW.</p> <p>From this cor. point, a rebar, 5/8 in. diam., firmly set, projecting 8 ins. above ground, with an attached brass washer mkd. LS10171, bears S. 84°43' E., 32 lks. dist.</p>
12.14	<p>S. 0°41' W. on line 2-3.</p> <p>A.P. 3, monumented with a rebar, 1/2 in. diam., 17 ins. long, firmly set, projecting 3 ins. above ground, with attached brass washer mkd. LS7599, established by Wallace Settlemyer, R.L.S. 7599. This is accepted as a careful and faithful determination of the position of the corner.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div data-bbox="865 1750 1014 1905" data-label="Diagram"> <p>T13S R16E S21 AP3 1995</p> </div>

BOOK 5456

Metes-and-Bounds Survey in Section 21,
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS	
23.57	<p>Deposit the rebar inside and a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located atop a narrow, rocky ridge, bears N. and S.</p> <hr/> <p>S. 89°35' W. on line 3-4.</p> <p>Point for A.P. 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13S R16E</p> <p>S21</p> <div style="display: inline-block; vertical-align: middle;"> <div style="border-left: 1px solid black; border-top: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div> <p style="margin: 0;">AP4</p> <p style="margin: 0;">1995</p> </div> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <hr/> <p>S. 0°22' W. on line 4-5.</p>
10.31	<p>Point for A.P. 5. on the E. and W. center line of sec. 21.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, to bedrock, supported in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13S R16E</p> <div style="display: inline-block; vertical-align: middle;"> <p>S21</p> <div style="border-left: 1px solid black; width: 2px; height: 30px; margin: 0 auto;"></div> <p>AP5</p> <p>1995</p> </div> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>From this cor. point, the 1/4 sec. cor. of secs. 20 and 21, bears N. 89°51' W., 0.08 chs., dist, hereinbefore described,.</p> <hr/> <p>S. 0°19' E. on line 5-6.</p>
19.09	<p>Point for A.P. 6.</p>

BOOK 54 56

Metes-and-Bounds Survey in Section 21,
T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
10 ins. in the ground, to bedrock, supported in a mound of stone,
3 ft. base, to top, with brass cap mkd.

T13S R16E

S21

AP6

1995

Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath
the stainless steel post.

S. 89°41' W. on line 6-7.

0.08

A.P. 7, on line bet. secs. 20 and 21, monumented with a rebar,
1/2 in. diam., 16 ins. long, firmly set, projecting 6 ins. above
ground, with attached brass washer mkd. LS10046, established by
Lonny Carlson, R.L.S. 10046. This is accepted as a careful and
faithful determination of the position of the corner.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
12 ins. in the ground, to bedrock, supported in a mound of stone,
3 ft. base, to top, with brass cap mkd.

T13S R16E

S20

S21

AP7

1995

Deposit a the rebar inside and a magnet in a 1 x 1 x 2 ins. white
plastic case beneath the stainless steel post.

Cor. is located on a steep south slope; in the projection of a
barbed wire fence, 4 strand, extends S.

General Description

This survey is located in and adjacent to the Coronado National
Forest, approximately 17 miles east-northeast of Tucson, Arizona.
The elevation varies from 2800 to 3400 feet above sea level. The
land varies from flat to mountainous with steep mountains and
deep canyons located in every section surveyed. The vegetation
is predominately sparse native grasses, crown of thorns, and
cacti; with scattered palo verde, ironwood, mesquite and creosote.

BOOK 5456

T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona

CHAINS

There are numerous residences scattered throughout all the sections surveyed.

Access is by way of Tanque Verde Road, north of Tucson, to Soldier Trail and Fort Lowell Road. Secondary Access is by way of various trail roads and residential streets.

[illegible]

CERTIFICATE OF SURVEY

I, Olian T. Shockley, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 27th day of July, 1995, I have dependently resurveyed a portion of the south boundary and a portion of the subdivisional lines, subdivided certain sections, and conducted a metes-and-bounds survey in section 21 of Township 13 South, Range 16 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

02/26/1996

(Date)

Olian T. Shockley

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, the subdivision of certain sections, and a metes-and-bounds survey in section 21 of Township 13 South, Range 16 East, Gila and Salt River Meridian, Arizona, executed by Olian T. Shockley, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

FEB 29 1996

(Date)

Dale C. Wilson

(Acting Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in T. 13 S., R. 16 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~~~(Acting Chief Cadastral Surveyor of Arizona)~~